

Abstract of the Disclosure

A suturable adhesion-preventing membrane has high suture strength, good biocompatibility, decomposition and absorption in a living body, sufficient adhesion-preventing effect, and desirable guided tissue regeneration. The membrane is composed of at least one non-woven fabric layer made of collagen fibers, or a laminated membranous substance consisting of at least one non-woven fabric layer made of collagen fibers and at least one sponge layer made of collagen, and a coating layer of gelatin or hyaluronic acid on the surface or surfaces of the above membrane. Preferably, the membrane comprises one to six compressed cross-linked collagen non-woven fabric layers wherein a layer has a fibers having a fiber diameter of 0.05 mm to 1.0 mm, a bulk density of 5.0×10^{-4} to 5 g/cm³ and a thickness of 0.1 mm to 50 mm, and a coating layer containing gelatin or hyaluronic acid and having a thickness of 0.05 mm to 20 mm, wherein the coating layer covers one or both sides or a part or whole of the surface of the membrane.